

Re: Radium Dial Sites - Sample analysis for Ks sites 

Randy Schademann to: Cindy White

04/10/2009 11:14 AM

Cc: Don Lininger, Megan Brunkhorst, rob.monning, CharlesA Hooper

Cindy, attached is a spread sheet that lists the samples you currently have from our Kansas radium dial sites (there are three tabs, one for each of our sites). As per the email exchange we had yesterday we'd like to see the gross alpha/beta results. We've listed 13 samples for the alpha spectrometry (sorry it's above the 10 we spoke of earlier but it's close). I've also highlighted those samples we expect to be elevated. Red is for what we suspect may have in the thousands of picoCurries per gram. Orange are ones we anticipate to be elevated but not as high (maybe in the 10s or 100s of pCi/g). Hope this clears it up. If you have any questions, give me a call on my cell phone (913.669.5478) or send me an email.

Have a good Easter weekend....

Randy



Radium Dial Site Samples.xls

30192850



Superfund

SAMPLE NAME	MEDIA	FIELD MEASUREMENTS		ANALYSIS REQUESTED	
		Maximum Surface Reading with Ludlum 44-10 (kcpm)	Maximum Subsurface Reading with Ludlum 44-62 (kcpm)	Gamma Spectrometry	Alpha Spectrometry
650-SB-BG1 (2-3FT)	SOIL	-	2.18	X	X
650-SB-BG2 (2-3FT)	SOIL	-	2.00	X	X
650-SB-7-2 (0-1FT)	SOIL	-	33.7	X	
650-SB-10-1 (0-1FT)	SOIL	-	2.14	X	
650-SB-10-1 (1-2FT)	SOIL	-	2.14	X	
650-SB-13-1 (0-1FT)	SOIL	-	3.49	X	
650-SB-13-1 (1-2FT)	SOIL	-	2.18	X	
650-SB-13-2 (0-3.5FT)	SOIL	-	38.7	X	X
650-SB-13-2 (3.5-4 FT)	SOIL	-	8.7	X	
650-SB-13-3 (0-1 FT)	SOIL	-	47.4	X	
650-SB-13-3 (1-2 FT)	SOIL	-	8.4	X	X
650-SB-13-3 (2-3 FT)	SOIL	-	2.5	X	
650-SB-17-1 (0-3 FT)	SOIL	-	90.2	X	
650-SB-17-1 (3-4 FT)	SOIL	-	4.15	X	
650-SS-9-1	SOIL	18.4	-	X	
650-SS-12-1	SOIL	25.8	-	X	X
650-SS-23-1	SOIL	23.1	-	X	
650-SS-24-1	SOIL	17.4	-	X	
650-SS-BGA	SOIL	11.6	-	X	X
650-SS-BGB	SOIL	11.2	-	X	X

SAMPLE NAME	MEDIA	FIELD MEASUREMENTS		ANALYSIS REQUESTED	
		Maximum Surface Reading with Ludlum 44-10 (kcpm)	Maximum Subsurface Reading with Ludlum 44- 62 (kcpm)	Gamma Spectrometry	Alpha Spectrometry
4105-SB-BG1 (0-1 FT)	SOIL	9.6	1.3	X	X
4105-SB-BG1 (2-3 FT)	SOIL	-	1.3	X	X
4105-SB-BG1 (4-5 FT)	SOIL	-	1.7	X	X
4105-SB-1-1 (0-1 FT)	SOIL	212	42	X	X
4105-SB-1-1 (4-5 FT)	SOIL	-	5.3	X	
4105-SB-1-1 (5-6 FT)	SOIL	-	4.06	X	
4105-SB-2-1 (0-1 FT)	SOIL	-	10.2	X	X
4105-SB-2-1 (1-2 FT)	SOIL	-	2.09	X	
4105-SB-2-1 (2-3 FT)	SOIL	-	1.93	X	
4105-SB-4-1 (0-1 FT)	SOIL	-	6	X	
4105-SB-4-1 (1-2 FT)	SOIL	-	6	X	

SAMPLE NAME	MEDIA	FIELD MEASUREMENTS		ANALYSIS REQUESTED	
		Maximum Surface Reading with Ludlum 44-10 (kcpm)	Maximum Subsurface Reading with Ludlum 44- 62 (kcpm)	Gamma Spectrometry	Alpha Spectrometry
209-SB-1-1 (0-1 FT)	SOIL	-	1.94	X	
209-SB-1-1 (3-4 FT)	SOIL	-	1.85	X	
209-SB-1-1 (5-6 FT)	SOIL	-	1.79	X	
209-SB-2-1 (0-1 FT)	SOIL	-	8.0	X	X
209-SB-2-1 (5-6 FT)	SOIL	-	2.2	X	